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PTO/SB/05 (2/98)
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|
| UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(h))</i> | | Attorney Docket No. 06192.0279.NPUS00 | |
| | | First Named Inventor or Application Identifier Chang-Hun LE et al | |
| | | Title LCD For Speeding Initial Bend State, Driver And Method Thereof | |
| | | Express Mail Label No. | |

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| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents | ADDRESS TO: Assistant Commissioner for Patent Applications Box Patent Application Washington, DC 20231 |
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) (Submit an original and a duplicate for fee processing) | 6. <input type="checkbox"/> Microfiche Computer Program (Appendix) |
| 2. <input checked="" type="checkbox"/> Specification [Total Pages 28] (preferred arrangement set forth below) <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R&D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claims- Abstract of the Disclosure | 7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identity of above copies |
| <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 6] | |
| 3. Oath or Declaration [Total Pages 3] | |
| a. <input checked="" type="checkbox"/> Newly executed (original or copy) | |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below] | |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | |
| 5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. | |

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| ACCOMPANYING APPLICATION PARTS | |
| 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) | |
| 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney | |
| 10. <input type="checkbox"/> English Translation Document (if applicable) | |
| 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations | |
| 12. <input type="checkbox"/> Preliminary Amendment | |
| 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) (should be specifically itemized) | |
| 14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) | |
| 16. <input type="checkbox"/> Other: | |

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

| | |
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| 17. If a CONTINUING APPLICATION , check appropriate box and supply the requisite information: | |
| <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) | of prior application No: / |
| Prior Application Information: Examiner: Group/Art Unit: | |

| | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------|--------------|-----------------------------------|------------------|
| 18. CORRESPONDENCE ADDRESS | | | | | |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label 22930 or <input type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here) | | | | | |
| NAME Michael J. Bell | | | | | |
| HOWREY SIMON ARNOLD & WHITE, LLP | | | | | |
| Box No. 34 | | | | | |
| ADDRESS 1299 Pennsylvania Avenue, N.W. | | | | | |
| CITY | Washington | STATE | DC | ZIP CODE | 20004-2402 |
| COUNTRY | US | TELEPHONE | 202-783-0800 | FAX | 202-383-7195 |
| Name (Print/Type) | Michael J. Bell | | | Registration No. (Attorney/Agent) | 39,604 |
| Signature | Derek J. Bell (44483) FOR | | | Date | November 9, 2001 |

November 9, 2001

Box New Applications

Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application
Application No. **TO BE ACCORDED** Filed **HEREWITH**
Title: **LCD FOR SPEEDING INITIAL BEND STATE, DRIVER AND
METHOD THEREOF**
Inventors: **Chang-Hun LEE, et al.**
Our Ref: **06192.0279.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

LCD FOR SPEEDING INITIAL BEND STATE, DRIVER AND METHOD THEREOF

and naming as inventors: **Chang-Hun LEE
Jae-Jin LYU
Hak-Sun CHANG
Jae-Ho CHOI
Keun-Shik NAH**

the application consisting of:

- a. A specification containing:
 - (i) **18** pages of description prior to the claims;
 - (ii) **9** pages of claims (38 claims);
 - (iii) a **one** (1) page abstract;

b. **6** sheets of drawings: (Figures 1, 2, 3, 4, 5, 6 and 7);

4. Executed Declaration/Power of Attorney;
5. Executed Assignment, Assignment Recordation Cover Sheet (PTO 1595) and Check No. 003636 in the amount of \$40.00 to cover the Recordation Fee;

HOWREY SIMON ARNOLD & WHITE, LLP

Box No. 34

1299 Pennsylvania Avenue, NW

Washington, DC 20004-2402

(202) 783-0800

Attorney Docket No. 06192.0279.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS

Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: **Chang-Hun LEE, et al.**For: **LCD FOR SPEEDING INITIAL BEND STATE, DRIVER AND METHOD THEREOF**

Enclosed is a new application comprising:

- ☒ A specification containing: **18** pages of description prior to the claims; **9** pages of claims (38 claims); a **one** (1) page abstract; 6 sheets of drawings (**Figures 1, 2, 3, 4, 5, 6 and 7**)
- ☒ PTO SB/05

The filing fee has been calculated as shown below:

| | (Col. 1) | (Col. 2) |
|-------------------------------------------------------------|-----------|-----------|
| FOR | NO. FILED | NO. EXTRA |
| BASIC FEE | | |
| TOTAL CLAIMS | 38-20 = | * 18 |
| INDEP. CLAIMS | 5-3 = | * 2 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED | | |

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

| SMALL ENTITY | |
|--------------|-----------|
| RATE | |
| | \$ 345.00 |
| x 9 = | |
| x 39 = | |
| + 130 = | |
| TOTAL | |

| OTHER THAN A SMALL ENTITY | |
|---------------------------|-------------------|
| RATE | FEE |
| | \$ 740.00 |
| x 18 = | 324.00 |
| x 84 = | 168.00 |
| + 270 = | |
| TOTAL | \$1,232.00 |

- ☒ A check in the amount of **\$1,232.00** to cover the filing fee is enclosed.
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0279.NPUS00. *A duplicate of this sheet is enclosed.*
- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date November 9, 2001

Donch J. Bell (44,483)
 for Michael J. Bell
 Registration No. 39,604